PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of 2 Sheet

Compl t If Known							
Application Number Not yet assigned 10/619.131							
Filing Date	14 July 2003						
First Named Inventor	Wevant et al.						
Group Art Unit	Not vot assigned 3171						
Examiner Name	Not yet assigned Mayo, T.						
Attorney Docket Number	DB001016-001						

				U.S. PATENT DOCU	JMENTS		
Examiner Initials	Cite No.1	U.S. Patent	Kind Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	CLASS	Pageor Columns Liers, Where Relevant Passages or Referent Figures Appear SUB
WI		6,299,3		Byme et al.	10/09/2001	405 405	273 124
		6,135,6 6,053,6		Moreau Irvine et al.	10/24/2000 04/25/2000	405	279
		6.033.1	55	Irvine et al.	03/07/2000 11/29/1994	405	281 162
H		5,368,4 5,580,1		Miller Egan	12/03/1996	405	2/2
Ш		5,145,2 4,917,5		Hooper et al. Cole et al.	04/04/2000	405	<u> સંદુર્</u> ચ સાર્
		4.690.5	88	Berger	09/01/1987	405	ي ال
		5.154.5 4,674,9		Boren et al. Berger	10/13/1992 06/23/1987	405	272 262
		4.728.2	25	Brandl et al.	03/01/1988	405 405	262 385
		5,244,3 5,285.6		Wright et al. Goldsworthy et al.	09/14/1993 02/15/1994	52	6481
Tal !		5,584,6		Simpson et al.	12/17/1996	405	28/
 							

	FOREIGN PATENT DOCUMENTS							
Examiner Cite			Foreign Patent Do			Date of Publication of	Pages, Columns, Lines, Where Relevant	
		Office ³	Number ⁴	Kind Code ^s (# known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	16
								igspace
						1		
								4
						 		4
		<u> </u>				 		+
		 				1		+
		-				-		+
		+		- - 	· · · · · · · · · · · · · · · · · · ·	 		\top
		╂─┼				 		1

1-0-				
Examiner Signature	av	Date Considered	16 Jan. 2004	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible, ⁶ Applicant is to place a check mark here if English language Translation is attached.

	PTO/SB/08B (08-00) if for use through 10/31/2002. OMB 0651-0031 k Office: U.S. DEPARTMENT OF COMMERCE unless it contains a valid OMB control number.	II S Patent and Trademar	rlease type a plus sign (+) inside this box +			
١	ppl t if Known		Substitute for form 1449B/PTO			
1	Not yet assigned 10/61	Application Number				
_	14 July 2003	Filing Date	CLOSURE	N DIS	RMATIC	INFO
┛	Weyant et al.	First Named Inventor	PPLICANT			
	Not vet assigned 3071	Group Art Unit	FFLIOAII	DIA	I CIAICIA I	SIAI
.1	Not yet assigned Mayo,	Examiner Name	(use as many sheets as necessary)			
')	DB001016-001	Attorney Docket Number	2	of	2	Sheet

Examiner Initials	No.1 publisher, city and/or country where published.			
XA		OTHER ART:		
	1	Introducing Composite Z, 29 pages of website, Composite Z.com - Wales, Tiebacks, & Caps, http://209.41.112.194		
		C-Loc Engineered Vinyl Sheet Piling, 13 pages of website, http://www.c-loc.com		
		Foster Piling, A division of L.B. Foster Company and Chaparral Steel, 14 Pages of website, http://www.sheetpiling.com	1	
1		Materials International, 15 pages of website, http://www.materialsintl.com		
	-	PRIOR ART:		
KUL		The Final Solution to Shoreline Erosion, manual, Aluminum Retaining Wall Systems, Ravens Marine, Inc.		
	1			
			1	
	ļ		ı	

Examiner Signature Date Considered /L Jan . 2004

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATO TRADEM

Sheet 1

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ubstitute for form 1449/PTO

(Use as many sheets as necessary)

Complet if Known Application Number 10/619,131 Filing Date 14 July 2003 First Named Inventor Weyant et al. 3673, 310 71 Not you assigned Mayo, Examiner Name DB001016-001 Attorney Docket Number

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Regee, Columne, Linco, Where- Relevant Passeges or Relevant— CUASSTigures Appear—SUB
	!	US-5,584,610	12-17-1996	Simpson et al.	
971		^{US-} 5,285,612	02-15-1994	Johnson	`
4		US-4,690,588	09-01-1987	Berger	
\		US-3,739,588	06-19-1973	Schroter et al.	
-		US-			
		US-			
		US-			
		US-			
		US-			
	·	US-			·
	<u> </u>	US-			
	ļ	US-			
		US-			
<u> </u>		US-	1		
		US-	†		
<u> </u>		US-			

Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ 'Kind Code ⁸ (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	т6
WELL		GB 2 356 884 A	06-06-2001	Keller Limited		X
2		GB 2 278 902 A	12-14-1994	Millfield Ent.	-	X
XU		DE 31 45 153 A1	06-30-1983	Rochling Haren	_	

Examiner Signature	Saist Clay	Date Considered	16 Jan 2004

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, Draw line through citation Unto in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.usnfo.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is statiched.

This collection of internation is required to 27 CEP 1.07 and 1.09. The Information is conformance and not considered with MPEP 609, Draw line through citation function number (optional). ²See Kinds Codes of USPTO Patent Standard ST.3). ⁴ For Japanese patent documents, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent document, by the two-letter code (WIPO Standard ST.3). ⁴ For Ja

Trisicollection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

T: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.